

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027181.D
 Acq On : 25 Feb 2022 11:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 25 23:15:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

02/28/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	78857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44799	47.302	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.600%
35) Dibromofluoromethane	5.385	113	36687	47.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	8.647	98	141369	48.552	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	53837	48.169	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	40039	51.079	ug/l	99
3) Chloromethane	1.300	50	38427	52.444	ug/l	98
4) Vinyl Chloride	1.380	62	36947	50.623	ug/l	98
5) Bromomethane	1.599	94	17371	54.600	ug/l	98
6) Chloroethane	1.684	64	22450	50.092	ug/l	97
7) Trichlorofluoromethane	1.886	101	58800	51.800	ug/l	98
8) Diethyl Ether	2.136	74	20852	52.776	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	42326	53.524	ug/l	97
10) Methyl Iodide	2.459	142	59310	55.855	ug/l	96
11) Tert butyl alcohol	2.965	59	46217	250.812	ug/l	97
12) 1,1-Dichloroethene	2.318	96	39510	51.465	ug/l	90
13) Acrolein	2.239	56	46576	273.461	ug/l	99
14) Allyl chloride	2.666	41	71916	53.205	ug/l	95
15) Acrylonitrile	3.068	53	126519	267.572	ug/l	99
16) Acetone	2.379	43	121373	291.886	ug/l	93
17) Carbon Disulfide	2.514	76	101895	51.044	ug/l	100
18) Methyl Acetate	2.703	43	55995	52.171	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	141718	53.798	ug/l	97
20) Methylene Chloride	2.794	84	45158	52.396	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	43459	53.082	ug/l	95
22) Diisopropyl ether	3.763	45	141149	53.566	ug/l	99
23) Vinyl Acetate	3.721	43	616150	276.902	ug/l	97
24) 1,1-Dichloroethane	3.611	63	77933	52.318	ug/l	99
25) 2-Butanone	4.556	43	181412	273.948	ug/l	98
26) 2,2-Dichloropropane	4.477	77	60494	55.980	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	51197	53.921	ug/l	94
28) Bromochloromethane	4.903	49	29588	49.098	ug/l	92
29) Tetrahydrofuran	5.001	42	113793	256.747	ug/l	96
30) Chloroform	5.092	83	81366	52.590	ug/l	98
31) Cyclohexane	5.470	56	73107	51.542	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	71074	53.066	ug/l	98
36) 1,1-Dichloropropene	5.696	75	60155	52.931	ug/l	97
37) Ethyl Acetate	4.714	43	66552	53.336	ug/l	98
38) Carbon Tetrachloride	5.678	117	64127	54.102	ug/l	99
39) Methylcyclohexane	7.379	83	77362	54.722	ug/l	94
40) Benzene	6.037	78	178251	53.634	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38239	55.864	ug/l	96
42) 1,2-Dichloroethane	6.086	62	63992	54.275	ug/l	98
43) Isopropyl Acetate	6.342	43	107138	55.815	ug/l	97
44) Trichloroethene	7.123	130	52970	53.280	ug/l	97
45) 1,2-Dichloropropane	7.433	63	45751	56.341	ug/l	99
46) Dibromomethane	7.580	93	32158	55.136	ug/l	94
47) Bromodichloromethane	7.824	83	63819	56.060	ug/l	99
48) Methyl methacrylate	7.689	41	53147	57.200	ug/l	94
49) 1,4-Dioxane	7.659	88	22107	1052.463	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	341523	273.739	ug/l	97
52) Toluene	8.720	92	114295	53.707	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	67267	52.087	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	73619	57.933	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	46935	55.683	ug/l	98
56) Ethyl methacrylate	9.116	69	74547	56.807	ug/l	93
57) 1,3-Dichloropropane	9.311	76	78770	56.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	165815	262.135	ug/l	97
59) 2-Hexanone	9.433	43	263321	276.146	ug/l	96
60) Dibromochloromethane	9.525	129	50642	57.916	ug/l	100
61) 1,2-Dibromoethane	9.610	107	49983	55.682	ug/l	100
64) Tetrachloroethene	9.275	164	56216	53.839	ug/l	93
65) Chlorobenzene	10.079	112	124931	53.104	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	46792	54.847	ug/l	99
67) Ethyl Benzene	10.195	91	221615	53.661	ug/l	98
68) m/p-Xylenes	10.299	106	174246	109.748	ug/l	96
69) o-Xylene	10.640	106	84279	52.890	ug/l	98
70) Styrene	10.658	104	143063	54.867	ug/l	98
71) Bromoform	10.799	173	37193	50.495	ug/l #	99
73) Isopropylbenzene	10.963	105	223987	53.844	ug/l	98
74) N-amyl acetate	10.841	43	89632	56.629	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	64926	52.841	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64733m	55.281	ug/l	
77) Bromobenzene	11.201	156	55654	53.637	ug/l	93
78) n-propylbenzene	11.305	91	258403	54.653	ug/l	99
79) 2-Chlorotoluene	11.366	91	154226	53.231	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	195673	55.939	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20060	50.093	ug/l	90
82) 4-Chlorotoluene	11.457	91	183356	55.397	ug/l	96
83) tert-Butylbenzene	11.713	119	187792	55.212	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	191572	55.059	ug/l	98
85) sec-Butylbenzene	11.890	105	237082	55.590	ug/l	100
86) p-Isopropyltoluene	12.012	119	205262	56.457	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	105380	53.974	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	105686	52.940	ug/l	98
89) n-Butylbenzene	12.335	91	170286	56.036	ug/l	99
90) Hexachloroethane	12.542	117	31797	56.459	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	101797	53.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15649	54.860	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	66629	55.425	ug/l	98
94) Hexachlorobutadiene	13.725	225	27775	55.651	ug/l	98
95) Naphthalene	13.774	128	227494	55.690	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66753	55.398	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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